Attorney Docket No. _____ 001580-514

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Ali Sazegari et al.

Application No.: 09/996,877

Filing Date: November 30, 2001

Group Art Unit: 2124

Examiner: Tan V. Mai

Confirmation No.: 2764

Title: SINGLE-CHANNEL CONVOLUTION IN A VECTOR PROCESSING COMPUTER SYSTEM

FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a _____ **FIRST** _____ Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

☐ No additional fee for submission of an IDS is required.

☒ The fee of $180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.

☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.

☐ A statement under 37 C.F.R. § 1.97(e), and the fee of $180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.

☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.

☐ A check in the amount of _____ is enclosed for the fee due.

☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By _____

James A. LaBarre
Registration No. 28,632

Date: March 8, 2005

BURNS DOANE
BURNS DOANE SWECKER & MATHIS LLP
INTELLECTUAL PROPERTY LAW

FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

(8/04)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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)	
Ali Sazegari et al.)	Group Art Unit: 2124
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For: SINGLE-CHANNEL CONVOLUTION IN)	
A VECTOR PROCESSING)	
COMPUTER SYSTEM)	

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c), the fee of $180.00 (1806) set forth in 37 C.F.R. § 1.17(p) is enclosed.

To assist the Examiner, the document is / documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

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01 FC:1806 180.00 DA

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Date   March 8, 2005   By: _____

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(8/04)

FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

				Complete if Known	
			Application Number	09/996,877	
			Filing Date	November 30, 2001	
			First Named Inventor	Ali Sazegari et al.	
			Examiner Name	Tan V. Mai	
Sheet	1	of	1	**Attorney Docket Number**	001580-514

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	WO 01/90927	A	WIPO	11-29-2001				X			

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Wang et al., "Parallel-decomposition Algorithm for Discrete Computational Problems...", IEE Proceedings: Vision, Image and Signal Processing, Institution of Electrical Engineers, Vol. 142, no. 1, February 1, 1995, pages 40-46
	Gardner, "Efficient Convolution Without Input-Output Delay", Journal of the Audio Engineering Society, Audio Engineering Society, Vol. 43, no. 3, March 1, 1995, pages 127-135
	Torger et al., "Real-time Partitioned Convolution for Ambiophonics Surround Sound", IEEE Workshop on the Applications of Signal Processing on Audio and Acoustics, 21-24 October 2001, pages 195-198
	Agarwal et al. "Fourier Transform and Convolution Subroutines for the IBM 3090 Vector Facility", IBM Journal of Research and Development, Vol. 30, no. 2, March 1, 1986

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.